As

SEQUENCE LISTING

Aerts, Johannes M.F.G. Boot, Rolf G.

<120> A mammalian mucinase, its recombinant production, and its use in therapy or prophylaxis against diseases in which mucus is involved or infection diseases

<130> 2183-5136US

<140> 10/004,219

<141> 2001-11-02

<160> 14

<170> PatentIn Ver. 2.1

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<212> PRT

<213> Artificial Sequence

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Gly Gly Trp Asn Phe Gly Thr Ala Pro Phe Thr Ala Met Val Ser Thr 100 105 110

Pro Glu Asn Arg Gln Thr Phe Ile Thr Ser Val Ile Lys Phe Leu Arg 115 120 125

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Arg Asn Ser Lys Leu Lys Thr Leu Leu Ala Ile Gly Gly Trp Asn Phe
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Glu Trp Asn Asp Val Thr Leu Tyr Gln Ala Phe Asn Gly Leu Lys Asn
Lys Asn Ser Gln Leu Lys Thr Leu Leu Ala Ile Gly Gly Trp Asn Phe
Gly Thr Ala Pro Phe Thr Ala Met Val Ser Thr Pro Glu Asn Arg Gln
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Lys	Tyr 210	Pro	Thr	Asp	Thr	Gly 215	Ser	Asn	Ala	Tyr	Leu 220	Asn	Val	Asp	Tyr
Val 225	Met	Asn	Tyr	Trp	Lys 230	Asp	Asn	Gly	Ala	Pro 235	Ala	Glu	Lys	Leu	Ile 240
Val	Gly	Phe	Pro	Thr 245	Tyr	Gly	His	Asn	Phe 250	Ile	Leu	Ser	Asn	Pro 255	Ser
Asn	Thr	Gly	Ile 260	Gly	Ala	Pro	Thr	Ser 265	Gly	Ala	Gly	Pro	Ala 270	Gly	Pro
Tyr	Ala	Lys 275	Glu	Ser	Gly	Ile	Trp 280	Ala	Tyr	Tyr	Glu	Ile 285	Cys	Thr	Phe
Leu	Lys 290	Asn	Gly	Ala	Thr	Gln 295	Gly	Trp	Asp	Ala	Pro 300	Gln	Glu	Val	Pro
Tyr 305	Ala	Tyr	Gln	Gly	Asn 310	Val	Trp	Val	Gly	Tyr 315	Asp	Asn	Ile	Lys	Ser 320
Phe	Asp	Ile	Lys	Ala 325	Gln	Trp	Leu	Lys	His 330	Asn	Lys	Phe	Gly	Gly 335	Ala
Met	Val	Trp	Ala 340	Ile	Asp	Leu	Asp	Asp 345	Phe	Thr	Gly	Thr	Phe 350	Cys	Asn
Gln	Gly	Lys 355	Phe	Pro	Leu	Ile	Ser 360	Thr	Leu	Lys	Lys	Ala 365	Leu	Gly	Leu
Gln	Ser 370	Ala	Ser	Cys	Thr	Ala 375	Pro	Ala	Gln	Pro	Ile 380	Glu	Pro	Ile	Thr
Ala 385	Ala	Pro	Ser	Gly	Ser 390	Gly	Asn	Gly	Ser	Gly 395	Ser	Ser	Ser	Ser	Gly 400
Gly	Ser	Ser	Gly	Gly 405	Ser	Gly	Phe	Cys	Ala 410	Val	Arg	Ala	Asn	Gly 415	Leu
Tyr	Pro	Val	Ala 420	Asn	Asn	Arg	Asn	Ala 425	Phe	Trp	His	Cys	Val 430	Asn	Gly
Val	Thr	Tyr 435	Gln	Gln	Asn	Cys	Gln 440	Ala	Gly	Leu	Val	Phe 445	Asp	Thr	Ser

Cys Asp Cys Cys Asn Trp Ala 450 455